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60000 CLS : LOCATE 11, 1 : PRINT "CHEXSUM PROGRAM"
60010 LOCATE 1, 5 : PRINT "OUTPUT TO PRINTER (P) OR SCREEN (S)
        )?";
60020 X$ = INKEY$ : IF X$ = "" THEN 60020
60030 IF X$ = "P" OR X$ = "p" THEN STREAM = 8 : PRINT "P"
60040 IF X$ = "S" OR X$ = "s" THEN STREAM = 0 : PRINT "S"
60050 LOCATE 1, 10 : INPUT "STARTING LINE NUMBER"; X$ : IF VAL
        ( X$ ) > 0 THEN LSTART = VAL ( X$ ) ELSE 60050
60060 TOTAL = 0 : LLIMIT = 62990 : MEM = 368 : NEXTMEM = MEM

60070 :
60080 NEXTMEM = PEEK ( MEM ) + 256 * PEEK ( MEM + 1 ) + NEXTMEM

60090 LN = PEEK ( MEM + 2 ) + 256 * PEEK ( MEM + 3 ) : IF LN >=
        LLIMIT THEN 62000 ELSE IF LN < LSTART THEN MEM = NEXTMEM
        : GOTO 60080
60100 MEM = MEM + 4 : CHXSUM = 0 : QUOTE = 0
60110 IF PEEK ( MEM ) = 32 THEN MEM = MEM + 1 : GOTO 60110
60120 IF PEEK ( MEM ) = 1 OR PEEK ( MEM ) = 197 THEN MEM = NEXT
        MEM : GOTO 61000
60130 WHILE MEM < NEXTMEM
60140 TOKEN = PEEK ( MEM ) : IF TOKEN = 34 THEN QUOTE = QUOTE
        XOR 1
60150 IF QUOTE = 1 OR TOKEN <> 32 THEN 60170
60160 LASTOK = PEEK ( MEM - 1 ) : NEXTOK = PEEK ( MEM + 1 ) : G
        OSUB 61500 : IF IGNORE = 1 THEN 60180
60170 CHXSUM = CHXSUM + TOKEN
60180 MEM = MEM + 1 : WEND
61000 PRINT #STREAM, USING "#####"; LN; : PRINT #STREAM, " = "
        "; CHXSUM
61010 TOTAL = TOTAL + CHXSUM : GOTO 60080

61490 :
61500 IGNORE = 0
61510 IF LASTOK = 44 OR LASTOK = 32 OR LASTOK = 40 OR LASTOK
        = 1 OR ( LASTOK > 237 AND LASTOK < 250 ) THEN IGNORE =
        1 : RETURN
61520 IF NEXTOK = 41 OR NEXTOK = 1 OR ( NEXTOK > 237 AND NEX
        TOK < 250 ) THEN IGNORE = 1 : RETURN
61530 RETURN

61990 :
62000 PRINT #STREAM : PRINT #STREAM, "TOTAL = "; TOTAL

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ChexSum Tables

60000 = 1836	60100 = 3256	61010 = 2587
60010 = 3059	60110 = 3432	61490 = 0
60020 = 2044	60120 = 4947	61500 = 1022
60030 = 3313	60130 = 1687	61510 = 9964
60040 = 3297	60140 = 5092	61520 = 7455
60050 = 5425	60150 = 2802	61530 = 201
60060 = 4283	60160 = 6079	61990 = 0
60070 = 0	60170 = 2585	62000 = 2964
60080 = 4367	60180 = 1578	
60090 = 9211	61000 = 3897	TOTAL = 96383